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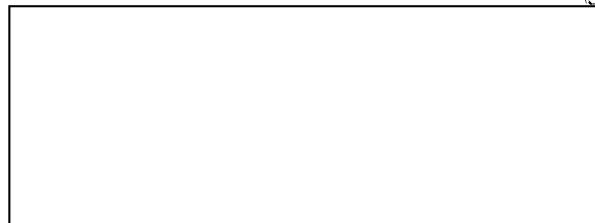
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March 1964

CENTRAL INTELLIGENCE AGENCY  
PHOTOGRAPHIC INTELLIGENCE REPORT

SOVIET-TYPE SAM INSTALLATIONS,  
WACS 160, 161, 162, 163, 164, 165, AND 166



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## PREFACE

This is the fourth in a series of reports, prepared in response to CIA requirement C-RR3-80,733, presenting locational and other pertinent information on all Soviet-type surface-to-air missile (SAM) installations. 1-3/ Installations included are SAM launch sites (SA-1, SA-2, SA-3, and SA-0), antimissile-missile activities, SAM support facilities, SAM R & D and training facilities, and unidentified

installations, possibly SAM-related. The information will be presented by World Aeronautical Chart (WAC), and within each WAC by SAM defense area, as determined from photography and collateral sources. When the defense function of an installation has not been determined, this will be so indicated. Where no installations have been identified in a WAC area, that WAC will be omitted.

## INTRODUCTION

This report presents information on all Soviet-type SAM installations located in the areas covered by WACs 160, 161, 162, 163, 164, 165, and 166 which have been identified on photography. The cutoff date for this information is [redacted]. Figure 1 shows all the WAC areas, except Cuba, which will be covered in this series; those in red are covered in this report. WACs covered in the previous reports are outlined in red, and the report number is indicated. Diagrams of the configurations of the common types of SAM installations are presented in Figure 2. Information for each WAC is shown in a table (Tables 1-7), which gives detailed data, and a map (Figures 3-9), which indicates the location and type of each SAM installation.

Explanations of the columnar headings used in the tables are as follows:

Item--Given in a numerical sequence for each WAC, with numbers assigned to installations arbitrarily, and keyed to the accompanying WAC.

Name, Site Designator, BI Number--in accordance with

the TDI. Absence of any of this information indicates that it was not available at the time of publication.

Coordinates--Given in degrees, minutes, and seconds, and plotted from series 200 US Air Target Charts unless otherwise indicated.

Country & Map Reference--BI: country codes used. Map reference is to the Air Target Chart sheet number (scale 1:200,000) unless otherwise indicated.

Type & Configuration--Indicates the type of SAM installation and its configuration as illustrated in Figure 2.

Mission & Date First Appears--Gives the number and date of the mission on which the installation was first sighted.

Mission & Date Installation Negated--Refers to the latest [redacted] photography on which it has been established that construction of the installation had not been started. Absence of any notation indicates that this information could not be determined.

Remarks--Covers items of special or unusual interest.

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Table 2. SAM Installations on WJC 161

| Item                                                                                                                                                             | Name, Site Designator, & BE No         | Coordinates         | Country & Map Ref | Type & Configuration             | Mission & Date First Appears | Mission & Date Installation Reported | Remarks |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------------------|-------------------|----------------------------------|------------------------------|--------------------------------------|---------|
| A. Baranov SAM Defenses (in defense of major industrial center: heavy machinery, equipment, and machine parts production, railroad car manufacturing and repair) |                                        |                     |                   |                                  |                              |                                      |         |
| 25X1A                                                                                                                                                            | 1 Baranov SAM Site B11-2               | 53-18-20N 84-07-55E | UR 0161-16        | SA-2, link                       |                              |                                      | 25X1D   |
| B. Kemerovo SAM Defenses (in defense of important coal and chemical production in Kemerovsk Basin: coke, nitro, and ammonia link plants)                         |                                        |                     |                   |                                  |                              |                                      |         |
| 25X1A                                                                                                                                                            | 2 Kemerovo SAM Site B12-2              | 55-31-01N 85-43-29E | UR 0161-1         | SA-2, link                       |                              |                                      | 25X1D   |
| 25X1A                                                                                                                                                            | 3 Kemerovo SAM Site B13-2              | 55-33-00N 86-14-00E | UR 0161-2         | SA-2, prob link                  |                              |                                      | 25X1D   |
| 25X1A                                                                                                                                                            | 4 Kemerovo SAM Support Facility        | 55-17-10N 86-03-00E | UR 0161-2         | Type II (square)                 |                              |                                      |         |
| 25X1A                                                                                                                                                            | 5 Kemerovo SAM Site B15-2              | 55-13-25N 86-12-35E | UR 0161-2         | SA-2, link                       |                              |                                      |         |
| C. Novokuznetsk SAM Defenses (in defense of second largest metallurgical center in USSR: ferrous alloy, steel, coke, aluminum, steel products production)        |                                        |                     |                   |                                  |                              |                                      |         |
| 25X1A                                                                                                                                                            | 6 Novokuznetsk SAM Site B34-2          | 53-59-00N 86-58-00E | UR 0161-12        | SA-2, link                       |                              |                                      | 25X1D   |
| 25X1A                                                                                                                                                            | 7 Novokuznetsk SAM Site B65-2          | 53-54-00N 87-22-40E | UR 0161-12        | SA-2, prob link                  |                              |                                      |         |
| 25X1A                                                                                                                                                            | 8 Novokuznetsk SAM Support Facility    | 53-43-00N 87-00-00E | UR 0161-12        | Type II (square)                 |                              |                                      |         |
| 25X1A                                                                                                                                                            | 9 Novokuznetsk SAM Site B27-2          | 53-43-00N 86-42-43E | UR 0161-12        | SA-2, link                       |                              |                                      |         |
| D. Nazarov SAM Defenses (in defense of Nazarov Thermal Power Plant GREs)                                                                                         |                                        |                     |                   |                                  |                              |                                      |         |
| 25X1A                                                                                                                                                            | 10 Nazarov SAM Site B26-2              | 55-57-55N 90-01-50E | UR 0161-4         | SA-2, star                       |                              |                                      |         |
| 25X1A                                                                                                                                                            | 11 Nazarov SAM Site B16-2              | 55-52-00N 90-33-10E | UR 0161-4         | SA-2, prob link                  |                              |                                      |         |
| 25X1                                                                                                                                                             |                                        |                     |                   |                                  |                              |                                      | ILLEGIB |
| 25X1A                                                                                                                                                            | 12 Leningrad-Kuznetskiy SAM Site A27-2 | 54-39-05N 86-02-21E | UR 0161-7         | SA-2, configuration undetermined |                              |                                      |         |

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Table 1. SAM Installations on W.M. 162

| Item                                                                                                                                                                                                                                                        | Name, Site Designator, & BE No     | Coordinates         | Country & Map Ref | Type & Configuration | Mission & Date First Appears | Mission & Date Installation Negated | Remarks |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------------|-------------------|----------------------|------------------------------|-------------------------------------|---------|
| A. Novosibirsk SAM Defenses (in defense of major industrial, transportation, and communications center: arms, ammunition, steel, light metals, vehicle and aircraft assembly, machine tool and heavy equipment, uranium feed materials; KBM launch complex) |                                    |                     |                   |                      |                              |                                     |         |
| 1A                                                                                                                                                                                                                                                          | 1 Novosibirsk SAM Site B01-2       | 55-16-30N 82-58-30E | UR 0162-10        | SA-2, link           |                              |                                     |         |
|                                                                                                                                                                                                                                                             | 2 Novosibirsk SAM Site B28-2       | 55-02-50N 82-27-00E | UR 0162-10        | SA-2, link           |                              |                                     |         |
| 1A                                                                                                                                                                                                                                                          | 3 Novosibirsk SAM Support Facility | 55-04-00N 82-50-55E | UR 0162-10        | Type I (rectangular) |                              |                                     |         |
|                                                                                                                                                                                                                                                             | 4 Novosibirsk SAM Site A33-2       | 55-05-15N 82-51-20E | UR 0162-10        | SA-2, prob fan       |                              |                                     |         |
| 1A                                                                                                                                                                                                                                                          | 5 Novosibirsk SAM Site B09-2       | 55-04-20N 83-16-10E | UR 0162-10        | SA-2, link           |                              |                                     |         |
|                                                                                                                                                                                                                                                             | 6 Novosibirsk SAM Site A17-2       | 54-54-15N 83-00-10E | UR 0162-10        | SA-2, link           |                              |                                     |         |
| B. Barnaul SAM Defenses (in defense of major industrial center: heavy machinery, equipment, and machine parts production; railroad car manufacturing and repair)                                                                                            |                                    |                     |                   |                      |                              |                                     |         |
| 1A                                                                                                                                                                                                                                                          | 7 Barnaul SAM Site B28-2           | 53-21-00N 83-27-30E | UR 0162-20        | SA-2, star           |                              |                                     |         |
|                                                                                                                                                                                                                                                             | 8 Barnaul SAM Support Facility     | 53-18-50N 83-28-45E | UR 0162-20        | Type II (square)     |                              |                                     |         |
| 1A                                                                                                                                                                                                                                                          | 9 Barnaul SAM Site B20A-2          | 53-11-10N 83-42-00E | UR 0162-20        | SA-2, prob link      |                              |                                     |         |
| 1A                                                                                                                                                                                                                                                          | 10 Barnaul SAM Site B20-2          | 53-08-00N 83-41-00E | UR 0162-20        | SA-2, star           |                              |                                     |         |

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Table 4. SAM Installations on WAC 163

| Item                                                                                                                                                                       | Name, Site Designator, & BE No | Coordinates         | Country & Map Ref | Type & Configuration    | Mission & Date First Appears | Mission & Date Installation Negated | Remarks |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------|-------------------|-------------------------|------------------------------|-------------------------------------|---------|
| Thick SAM Defenses (in defense of major industrial and transportation center: aircraft engines, parts, airborne production; tires, armored vehicles and rubber production) |                                |                     |                   |                         |                              |                                     |         |
| 25X1A 1                                                                                                                                                                    | Thick SAM Site B14-2           | 55-07-20N 73-17-10E | UR 0163-10        | SA-2, link              |                              |                                     |         |
| 25X1A 2                                                                                                                                                                    | Thick SAM Site B26-2           | 54-55-10N 73-01-30E | UR 0163-9         | SA-2, link              |                              |                                     |         |
| 25X1A 3                                                                                                                                                                    | Thick SAM Site B17-2           | 54-46-00N 73-28-20E | UR 0163-10        | SA-2, link              |                              |                                     |         |
| 25X1A 4                                                                                                                                                                    | Thick SAM Site A13-2           | 54-51-00N 73-12-25E | UR 0163-10        | SA-2, star              |                              |                                     |         |
| 25X1A 5                                                                                                                                                                    | Thick SAM Support Facility     | 54-50-42N 73-12-05E | UR 0163-10        | Type-1 (see tangential) |                              |                                     |         |
| 25X1A 6                                                                                                                                                                    | Thick SAM Site B09-2           | 54-50-35N 73-41-30E | UR 0163-10        | SA-2, link              |                              |                                     |         |

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Table 3. SAM Installations in 4.10.16.

| Item | Name, Site Designator, & BE, No | Coordinates | Country & Map Ref | Type & Configuration | Mission & Date First Appears | Mission & Date Installation Negated | Remarks |
|------|---------------------------------|-------------|-------------------|----------------------|------------------------------|-------------------------------------|---------|
|------|---------------------------------|-------------|-------------------|----------------------|------------------------------|-------------------------------------|---------|

## A. Magatogorsk SAM Defense (in defense of largest metallurgical complex in the USSR)

|       |   |                                  |                     |            |                       |  |  |
|-------|---|----------------------------------|---------------------|------------|-----------------------|--|--|
| 25X1A | 1 | Magatogorsk SAM Site B29-2       | 53-27-00N 58-46-00E | FR 0164-16 | SA-2, link            |  |  |
| 25X1A | 2 | Magatogorsk SAM Site B29-2       | 53-26-00N 58-06-00E | FR 0164-17 | SA-2, star            |  |  |
| 25X1A | 3 | Magatogorsk SAM Site B29-2       | 53-15-00N 58-26-00E | FR 0164-17 | SA-2, star            |  |  |
| 25X1A | 4 | Magatogorsk SAM Support Facility | 53-21-00N 58-01-00E | FR 0164-17 | Type 1 (unclassified) |  |  |
| 25X1A | 5 | Magatogorsk SAM Site B11-2       | 53-22-00N 58-26-20E | FR 0164-17 | SA-2, star            |  |  |

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## E. Shadrinsk SAM Defense (in defense of Shadrinsk RBM Complex)

|       |    |                       |                     |            |            |  |  |
|-------|----|-----------------------|---------------------|------------|------------|--|--|
| 25X1A | 79 | Karpat SAM Site C23-2 | 55-54-20N 65-06-20E | FR 0164-15 | SA-2, star |  |  |
|-------|----|-----------------------|---------------------|------------|------------|--|--|

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Table 6. SAM Installations on R. D. 165

| Item                                                                                                                                                                                                                                                                                              | Name, Site Designator, & Hq. No.     | Coordinates         | Country & Map Ref. | Type & Configuration             | Mission & Date First Appears | Mission & Date Installation Negated | Remarks                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------|--------------------|----------------------------------|------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------|
| A. Kazan SAM Defenses (in defense of Kazan: production center for aircraft parts, engines and airframes, optical equipment)                                                                                                                                                                       |                                      |                     |                    |                                  |                              |                                     |                                                                                                           |
| 25X1A                                                                                                                                                                                                                                                                                             | 1. Kazan SAM Site B20-2              | 55-55-30N 48-48-14E | UR 0165-1          | SA-2, link                       |                              |                                     |                                                                                                           |
| 25X1A                                                                                                                                                                                                                                                                                             | 2. Kazan SAM Site A19-2              | 55-41-00N 49-06-30E | UR 0165-1          | SA-2, star                       |                              |                                     |                                                                                                           |
| 25X1A                                                                                                                                                                                                                                                                                             | 3. Kazan SAM Support Facility        | 55-48-00N 49-13-00E | UR 0165-1          | Type I (rectangular)             |                              |                                     |                                                                                                           |
| 25X1A                                                                                                                                                                                                                                                                                             | 4. Kazan SAM Site B10-2              | 55-49-00N 49-27-00E | UR 0165-1          | SA-2, star                       |                              |                                     |                                                                                                           |
| B. Ulyanovsk SAM Defenses (in defense of Puz. Automobile Plant, ammunition, machine tool, aircraft instruments, and POL production; nuclear power plant)                                                                                                                                          |                                      |                     |                    |                                  |                              |                                     |                                                                                                           |
| 25X1A                                                                                                                                                                                                                                                                                             | 5. Ulyanovsk SAM Site B27-5          | 54-18-00N 48-01-10E | UR 0165-11         | SA-2, Category I                 |                              |                                     |                                                                                                           |
| 25X1A                                                                                                                                                                                                                                                                                             | 6. Ulyanovsk SAM Site B08-5          | 54-22-50N 48-44-30E | UR 0165-11         | SA-2, Category I                 |                              |                                     |                                                                                                           |
| C. Kuybyshev Zhelezovsk Ilya SAM Defenses (in defense of a strategic dam and hydroelectric power plant at Zhelezovsk and the industrial complex at Kuybyshev; reported alternate capital of USSR; missile and aircraft test and production, arms, housing, tools, optics, POL, and vehicle parts) |                                      |                     |                    |                                  |                              |                                     |                                                                                                           |
| 25X1A                                                                                                                                                                                                                                                                                             | 7. Kuybyshev SAM Site B15-2          | 53-38-00N 49-20-40E | UR 0165-11         | SA-2, configuration undetermined |                              |                                     | This is an alternate site. The positions are reversed; however, no service road configuration is visible. |
| 25X1A                                                                                                                                                                                                                                                                                             | 8. Kuybyshev SAM Site C31-2          | 53-37-25N 49-48-55E | UR 0165-12         | SA-2, configuration undetermined |                              |                                     | This is an alternate site. The positions are reversed; however, no service road configuration is visible. |
| 25X1A                                                                                                                                                                                                                                                                                             | 9. Kuybyshev SAM Site B11-2          | 53-31-45N 49-20-50E | UR 0165-16         | SA-2, star                       |                              |                                     | This is an alternate site. The positions are reversed; however, no service road configuration is visible. |
| 25X1A                                                                                                                                                                                                                                                                                             | 10. Kuybyshev SAM Support Facility 2 | 53-30-25N 49-31-35E | UR 0165-16         | Type I (rectangular)             |                              |                                     | This is an alternate site. The positions are reversed; however, no service road configuration is visible. |
| 25X1A                                                                                                                                                                                                                                                                                             | 11. Kuybyshev SAM Site C25-2         | 53-31-45N 49-20-40E | UR 0165-17         | SA-2, star                       |                              |                                     | This is an alternate site. The positions are reversed; however, no service road configuration is visible. |
| 25X1A                                                                                                                                                                                                                                                                                             | 12. Kuybyshev SAM Site B29-2         | 53-22-35N 49-15-40E | UR 0165-16         | SA-2, configuration undetermined |                              |                                     | This is an alternate site. The positions are reversed; however, no service road configuration is visible. |
| 25X1A                                                                                                                                                                                                                                                                                             | 13. Kuybyshev SAM Site C26-2         | 53-21-45N 49-25-40E | UR 0165-16         | SA-2, star                       |                              |                                     | This is an alternate site. The positions are reversed; however, no service road configuration is visible. |
| 25X1A                                                                                                                                                                                                                                                                                             | 14. Kuybyshev SAM Site C11-2         | 53-20-25N 49-28-00E | UR 0165-16         | SA-2, star                       |                              |                                     | This is an alternate site. The positions are reversed; however, no service road configuration is visible. |
| 25X1A                                                                                                                                                                                                                                                                                             | 15. Kuybyshev SAM Site C02-2         | 53-11-20N 50-16-00E | UR 0165-17         | SA-2, star                       |                              |                                     | This is an alternate site. The positions are reversed; however, no service road configuration is visible. |
| 25X1A                                                                                                                                                                                                                                                                                             | 16. Kuybyshev SAM Support Facility 1 | 53-17-00N 50-17-20E | UR 0165-17         | Type I (rectangular)             |                              |                                     | This is an alternate site. The positions are reversed; however, no service road configuration is visible. |
| 25X1A                                                                                                                                                                                                                                                                                             | 17. Kuybyshev SAM Site B07-2         | 53-18-25N 50-31-25E | UR 0165-17         | SA-2, star                       |                              |                                     | This is an alternate site. The positions are reversed; however, no service road configuration is visible. |
| 25X1A                                                                                                                                                                                                                                                                                             | 18. Kuybyshev SAM Site C27-2         | 53-10-45N 49-29-35E | UR 0165-16         | SA-2, configuration undetermined |                              |                                     | This is an alternate site. The positions are reversed; however, no service road configuration is visible. |
| 25X1A                                                                                                                                                                                                                                                                                             | 19. Kuybyshev SAM Site               | 52-56-15N 49-36-40E | UR 0165-16         | SA-2, configuration undetermined |                              |                                     | This is an alternate site. The positions are reversed; however, no service road configuration is visible. |
| 25X1A                                                                                                                                                                                                                                                                                             | 20. Kuybyshev SAM Site B20-2         | 52-50-10N 50-00-50E | UR 0165-17         | SA-2, star                       |                              |                                     | This is an alternate site. The positions are reversed; however, no service road configuration is visible. |
| 25X1A                                                                                                                                                                                                                                                                                             | 21. Kuybyshev SAM Site B13-2         | 53-02-00N 50-29-00E | UR 0165-17         | SA-2, star                       |                              |                                     | This is an alternate site. The positions are reversed; however, no service road configuration is visible. |
| 25X1                                                                                                                                                                                                                                                                                              |                                      |                     |                    |                                  |                              |                                     |                                                                                                           |
| D. Ufa SAM Defenses (in defense of aircraft engine, POL, machine tool production, large transportation center, suspect missile state test facility)                                                                                                                                               |                                      |                     |                    |                                  |                              |                                     |                                                                                                           |
| 25X1A                                                                                                                                                                                                                                                                                             | 22. Ufa SAM Site C01-2               | 55-05-30N 56-13-00E | UR 0165-10         | SA-2, link                       |                              |                                     |                                                                                                           |
| 25X1A                                                                                                                                                                                                                                                                                             | 23. Ufa SAM Site B17-2               | 54-55-25N 55-36-00E | UR 0165-10         | SA-2, link                       |                              |                                     |                                                                                                           |
| 25X1A                                                                                                                                                                                                                                                                                             | 24. Ufa SAM Support Facility         | 54-45-25N 55-46-30E | UR 0165-10         | Type II (square)                 |                              |                                     |                                                                                                           |
| 25X1A                                                                                                                                                                                                                                                                                             | 25. Ufa SAM Site C21-2               | 54-41-20N 55-24-20E | UR 0165-10         | SA-2, link                       |                              |                                     |                                                                                                           |
| 25X1A                                                                                                                                                                                                                                                                                             | 26. Ufa SAM Site B17-2               | 54-39-15N 56-02-00E | UR 0165-10         | SA-2, link                       |                              |                                     |                                                                                                           |
| 25X1A                                                                                                                                                                                                                                                                                             |                                      |                     |                    |                                  |                              |                                     |                                                                                                           |
| E. Sterlitamak SAM Defenses (in defense of cement, chemicals, explosives, and machine tool production facilities; state test facility)                                                                                                                                                            |                                      |                     |                    |                                  |                              |                                     |                                                                                                           |
| 25X1A                                                                                                                                                                                                                                                                                             | 28. Sterlitamak SAM Site C25-2       | 53-58-30N 55-50-40E | UR 0165-15         | SA-2, link                       |                              |                                     |                                                                                                           |
| 25X1A                                                                                                                                                                                                                                                                                             | 29. Sterlitamak SAM Support Facility | 53-50-25N 55-49-55E | UR 0165-15         | Type II (square)                 |                              |                                     |                                                                                                           |
| 25X1A                                                                                                                                                                                                                                                                                             | 30. Sterlitamak SAM Site C21-2       | 53-51-00N 55-25-15E | UR 0165-20         | SA-2, point link                 |                              |                                     |                                                                                                           |
| 25X1A                                                                                                                                                                                                                                                                                             | 31. Sterlitamak SAM Site C10-2       | 53-08-15N 55-50-45E | UR 0165-20         | SA-2, star                       |                              |                                     |                                                                                                           |

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Table 7. SAM Installations on RAR 166

| Item                                                                                                                                                      | Name, Site Designator, & RE No | Coordinates         | Country & Map Ref | Type & Configuration             | Mission & Date First Appears | Mission & Date Installation Negated | Remarks                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------|-------------------|----------------------------------|------------------------------|-------------------------------------|--------------------------------------------------------------------------------------|
| A. Tumbus SAM Defenses (in defense of Tumbus Regional Military Storage Installation)                                                                      |                                |                     |                   |                                  |                              |                                     |                                                                                      |
| 25X1A 1                                                                                                                                                   | Tumbus SAM Site A25-2          | 52-40-00N 41-47-20E | UR 0166-22        | SA-2, link                       |                              |                                     |                                                                                      |
| 25X1A 2                                                                                                                                                   | Tumbus SAM Site C21-2          | 52-25-00N 41-12-00E | UR 0166-22        | SA-2, configuration undetermined |                              |                                     | No internal road configuration is visible.                                           |
| 25X1A 3                                                                                                                                                   | Tumbus SAM Support Facility    | 52-26-28N 41-26-15E | UR 0166-22        | Type II (square)                 |                              |                                     |                                                                                      |
| 25X1A 4                                                                                                                                                   | Tumbus SAM Site B13-2          | 52-31-20N 41-48-20E | UR 0166-22        | SA-2, configuration undetermined |                              |                                     | No internal road configuration is visible.                                           |
| 25X1A 5                                                                                                                                                   | Tumbus SAM Site C17-2          | 52-17-30N 41-38-20E | UR 0166-22        | SA-2, link                       |                              |                                     |                                                                                      |
| B. [REDACTED]                                                                                                                                             |                                |                     |                   |                                  |                              |                                     |                                                                                      |
| C. Surovodka SAM Defenses (in defense of Surovodka Regional Military Storage Installation)                                                                |                                |                     |                   |                                  |                              |                                     |                                                                                      |
| 25X1A 13                                                                                                                                                  | Gorky SAM Site C21-2           | 55-19-10N 43-31-40E | UR 0166-3         | SA-2, link                       |                              |                                     |                                                                                      |
| 25X1A 14                                                                                                                                                  | Gorky SAM Site C17-2           | 55-50-00N 44-40-00E | UR 0166-3         | SA-2, link                       |                              |                                     |                                                                                      |
| 25X1A 15                                                                                                                                                  | Chernukha SAM Support Facility | 55-44-40N 43-52-35E | UR 0166-3         | Type II (square)                 |                              |                                     |                                                                                      |
| 25X1A 16                                                                                                                                                  | Azovskaya SAM Site B14-2       | 55-33-30N 43-38-40E | UR 0166-3         | SA-2, link                       |                              |                                     |                                                                                      |
| 25X1A 17                                                                                                                                                  | Azovskaya SAM Site B16-2       | 55-37-30N 44-09-00E | UR 0166-3         | SA-2, link                       |                              |                                     |                                                                                      |
| D. Ponza SAM Defenses (in defense of ammunition, machinery, instrument, computer, and ammunition production; PHL, storage, and transportation facilities) |                                |                     |                   |                                  |                              |                                     |                                                                                      |
| 25X1A 18                                                                                                                                                  | Ponza SAM Site B01-2           | 53-23-35N 45-04-00E | UR 0166-19        | SA-2, star                       |                              |                                     | As seen [REDACTED] movement was being plotted around the entire site.                |
| 25X1A 19                                                                                                                                                  | Ponza SAM Site B26-0           | 53-58-15N 44-47-45E | UR 0166-19        | SA-9, Category 1                 |                              |                                     |                                                                                      |
| 25X1A 20                                                                                                                                                  | Ponza SAM Support Facility     | 53-12-00N 44-56-30E | UR 0166-19        | Type I (rectangular)             |                              |                                     |                                                                                      |
| 25X1A 21                                                                                                                                                  | Ponza SAM Site B08-0           | 53-16-40N 45-31-00E | UR 0166-19        | SA-9, Category 1                 |                              |                                     |                                                                                      |
| 25X1A 22                                                                                                                                                  | Ponza SAM Site B16-7           | 53-01-25N 45-10-40E | UR 0166-19        | SA-2, star                       |                              |                                     | A movement completely surrounds this site, including the satellite-linked movements. |
| E. [REDACTED]                                                                                                                                             |                                |                     |                   |                                  |                              |                                     |                                                                                      |

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### REFERENCE

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### SUBJECT

C-1580 63 (partial answer)

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